



# BIOGRAPHY



## UNITED STATES AIR FORCE

### DR. WILL ROPER



Dr. Will Roper is the Assistant Secretary of the Air Force for Acquisition, Technology and Logistics. As the Air Force's Service Acquisition Executive, Dr. Roper is responsible for and oversees Air Force research, development and acquisition activities totaling an annual budget in excess of \$40 billion for more than 465 acquisition programs. In this position, Dr. Roper serves as the principal advisor to the Secretary and Chief of Staff of the Air Force for research and development, test, production and modernization efforts within the Air Force. In addition to his Air Force responsibilities, Dr. Roper is the Service Acquisition Executive for the Joint Strike Fighter.

Prior to his current position, Dr. Roper was the founding Director of the Pentagon's Strategic Capabilities Office. Established in 2012, the SCO imagines new—often unexpected and game-changing—uses of existing government and commercial systems: extending their shelf-life and restoring surprise to the military's playbook. Since 2012, SCO has grown from an annual budget of \$50 million to the current \$1.5 billion request in the President's 2018 budget with projects spanning new concepts such as hypervelocity artillery, multi-purpose missiles, autonomous fast-boats, smartphone-navigating weapons, big-data-enabled sensing, 3D-printed systems, standoff arsenal planes, fighter

avatars and fighter-dispersed swarming micro-drones which formed the world's then-largest swarm of 103 systems. During his tenure as SCO Director, Dr. Roper served on the Department's 2018 National Defense Strategy Steering Group, Cloud Executive Steering Group and Defense Modernization Team.

Previously, Dr. Roper served as the Acting Chief Architect at the Missile Defense Agency where he developed 11 new systems, including the current European Defense architecture, advanced drones, and classified programs. Before this, he worked at MIT Lincoln Laboratory and served as a missile defense advisor to the Under Secretary of Defense for Acquisition, Technology and Logistics.

#### **EDUCATION**

2001 Bachelor of Science in Physics, Georgia Institute of Technology, Atlanta

2002 Master of Science in Physics, Georgia Institute of Technology, Atlanta

2010 Doctorate in Mathematics, Oxford University, England

#### **CAREER CHRONOLOGY**

January 2006 – June 2010, Missile Defense Advisor, MIT Lincoln Laboratory, Washington, D.C.

August 2010 – August 2011, Member, Missile Defense Advisory Committee, Missile Defense Agency, Washington D.C.

June 2010 – August 2012, Acting Chief Architect, Missile Defense Agency, Washington D.C.

August 2012 – February 2018, Director, Strategic Capabilities Office, Office of the Secretary of Defense, Washington, D.C.

February 2018 – present, Assistant Secretary of the Air Force for Acquisitions, Technology and Logistics, Headquarters U.S. Air Force, Washington, D.C.

#### **MAJOR AWARDS AND HONORS**

Department of Defense Medal for Distinguished Public Service

Secretary of Defense's Award for Excellence

USD/AT&L Award for Innovation

MDA Contractor of the Year

MDA Innovation and Technology Awards

Rhodes Scholar

(Current as of March 2018)